

IBM



Electric Typewriters

Authorized Federal Supply
Schedule Price List

General Services Administration
Federal Supply Service

FSC Group 74, Part I, Office Machines
FSC Class 7430

Contractor:
International Business Machines Corporation,
Office Products Division
8401 Connecticut Avenue
Chevy Chase, Maryland 20015
Telephone: 202-686-3300

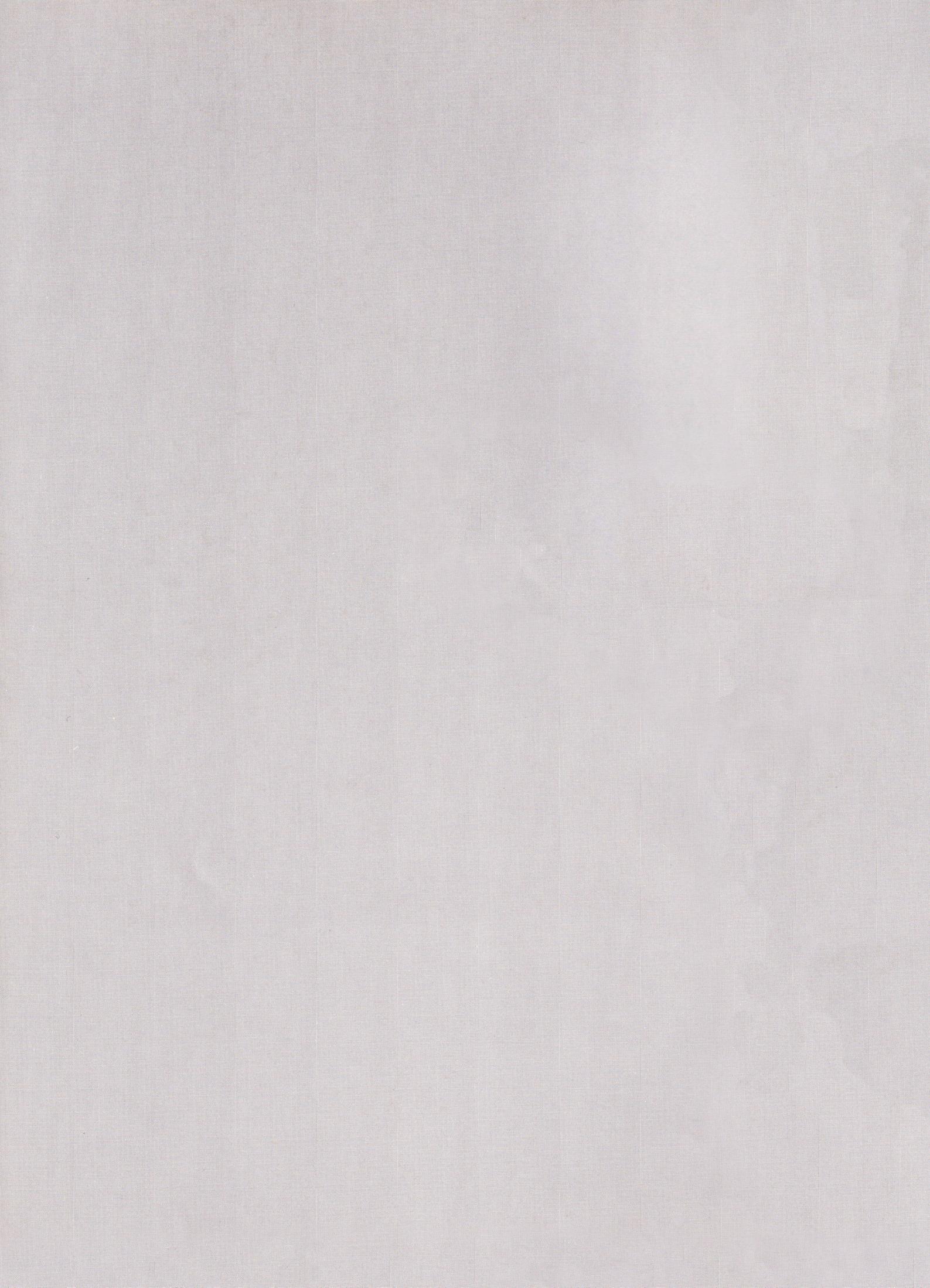
Contract No.:
GS-00S-32083

Special Item Nos.:
47-1 (Model D Standard Typewriters), 47-2
("Selectric", "Selectric" II and Correcting
"Selectric" Typewriters), 47-3 (Model D
"Executive" Typewriters), 47-10 (Attachments
and Features), 47-11 (Supplies), 47-90
(Maintenance Service) effective July 1, 1975.

Period:
Above effective dates through June 30, 1976.

For purposes of this price list
the IBM Corporation is a large business.

GSA Distribution Code:
00CC 7404



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PRICES

Special Item No.	Production Point	Maximum Order Limitation *	Model or Items	
47-1 *	Lexington, Kentucky	\$5,000	IBM Model D Standard Typewriter	19
			Educational Institutions	27
			Export Prices—Overseas Installations	29
47-2 *	"	\$10,000	IBM "Selectric" Typewriter	6
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47-3 *	"	\$5,000	IBM Model D "Executive" Typewriter	16
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47-10	"	\$2,500	Attachments and Features for IBM "Selectric", Correcting "Selectric", "Selectric" II, Model D Standard and Model D "Executive" Typewriters	23
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*The MOL for typewriters (Special Item Nos. 47-1, 47-2 and 47-3) is based on the net amount of the order after the trade-in amount is deducted.

Repair Work, Shop Work and Reconditioning Services for all models are available from IBM on an open market order basis.

PRICES SHOWN HEREIN ARE NET (DISCOUNT DEDUCTED)

Terms and Conditions

Attention: Procurement Personnel

Send orders directly to nearest IBM office.

Refer to page 32 for local IBM office. Please see that your order for IBM Electric Typewriters embraces the following points: Model number, keyboard number, carriage length, color, pitch, type style (show code number), motor voltage, and General Services Administration contract and item numbers.

Summary of terms and conditions of Contract No. GS-OOS-32083 applicable only to:

IBM "Selectric," "Selectric" II Typewriters and Correcting "Selectric" Typewriters
IBM Model D Typewriters
IBM "Executive" Typewriters
and
Attachments and Features and supplies for above Models, Items 47-1, 2, 3, 10 & 11.

Minimum Order: \$10.00

Parts guarantee: All parts for machines included in this catalog are guaranteed for one year from date of initial installation of the typewriter. All broken or defective parts not caused by misuse or accident by operator or purchaser are to be replaced, and any necessary machine adjustments occasioned by such defective parts are to be made, during the guarantee period without charge, except for typewriters for overseas use.

Adjustment period: All necessary adjustments not occasioned by misuse, accident, or negligence as may be required within 90 calendar days after the date of initial installation are to be made without additional charge, except for typewriters for overseas use.

Installation (Geographic Coverage): As a free service an IBM Representative will unpack and inspect and install each IBM typewriter at its destination within the Continental United States, Alaska, Hawaii, Puerto Rico, and the Canal Zone. He will instruct every operator of an IBM typewriter in the proper electric typing technique.

IBM also provides group instruction in typing proficiency where appropriate and available.

Delivery: Prices include delivery within the premises of the purchasing Government activity at any point within the Continental United States, Alaska, Hawaii, Puerto Rico, and the Canal Zone; provided, however, that if the premises of the purchasing Government activity are not served by a common carrier delivery or cannot be reached by the supplier's vehicle, delivery is to be made to the nearest common carrier terminal, or such other place as the ordering Government agency may specify.

Time of Delivery: From date of receipt of order, Model D Standard and Executive Typewriters shall be delivered within 1 to 90 days. All "Selectric" models shall be delivered within 1 to 120 days. Delivery of equipment under a blanket purchase order shall be scheduled from the date IBM receives a request for shipment against the order. Time of delivery from date of this request shall be in accordance with the delivery schedules above.

State and Local Taxes

Notwithstanding the provisions of Article 27 of the Supplemental Provisions (GSA Form 1424), the contract price excludes all state and local taxes levied on or measured by the contract or sale price, of the services or completed supplies furnished under this contract. Taxes excluded from the contract price pursuant to the preceding sentence shall be separately stated on the contractor's invoices and the Government agrees either to pay to the contractor amounts covering such taxes or to provide evidence necessary to sustain an exemption therefrom.

Payment Address: All payments are to be made to contractor at address shown on invoice.

Terms: Net 30 days.

IBM "Selectric" Typewriters, Model D Typewriters and "Executive" Typewriters, equipped with AC induction-type motors, meet the requirements of Specification MIL-I-17623 (Navy) and MIL-I-16910 (Ships).

Orders from Federal Government Contractors

Any order for machines* received from a contractor of the Federal Government, the machines to be purchased or rented being for use in connection with the performance of the applicable Government contract, will be given the same treatment as an order from the contracting Federal Government agency, provided that the order:

- (a) is submitted in the name of, or for and in behalf of, the contracting Federal Government agency and is signed by the contractor as agent (the contractor furnishing evidence of authority given him by the contracting agency to issue such orders) and
- (b) states that in the event of any inconsistency between the terms and conditions of the purchase form, and those of the applicable Federal Supply Schedule contract; those of the Federal Supply Schedule contract will govern. Orders from this class of customer for machines listed herein will be accepted only in accordance with the above provisions.

*Includes all machines offered under this contract.

Federal grantees are not permitted to use this contract as a source of supply.

IBM Correcting "Selectric" Typewriter

Provides an ingenious innovation in error correction. This built-in capability lifts typing errors clean off the page... or completely covers them up in just three simple steps.

Choice of Two Correcting Methods

IBM Correctable Film Ribbon with Lift-off Tape

This unique ribbon/tape system was developed especially for the IBM Correcting "Selectric" Typewriter. The ribbon ink is formulated to work in tandem with a tape that has a lift-off capability. The Correctable Film Ribbon has been developed for all general correspondence applications. When typing negotiable instruments, the IBM Tech III Ribbon should be used.

IBM Tech III Ribbon with IBM Tech III Cover-up Tape

The typewriter is also designed to accept an alternate correcting capability: an IBM Tech III Ribbon with IBM Tech III Cover-up Tape. IBM Tech III Ribbon offers many proven benefits... extra long life, sharp/easy to read impressions, and security for confidential documents. It is virtually impossible to decipher any information on the IBM Tech III Ribbon after its use.

Applications

Forms typing
High-quality originals
OCR requirements
Backspace/strikeover revision
First time final for general correspondence
Statistical typing

Features

- One convenient Correcting Key for quick sure error correction
- Half Backspace
- Express Backspace
- Letter-perfect appearance on corrected originals
- Interchangeable typing elements



Optional Features

- Dual Pitch
- Sound Reduction Package

Specifications

Operates on 115 volt, 60 Hertz, 12 amperes, AC current

Models	Writing Line	Maximum Paper Accommodation	Case Width	Weight
Model 853 With Single Pitch	11.0"	13.5"	20.0"	36 lbs.
Model 855 with Single Pitch	13.0"	15.5"	22.0"	38 lbs.
Model 893 with Dual Pitch	11.0"	13.5"	20.0"	36 lbs.
Model 895 with Dual Pitch	13.0"	15.5"	22.0"	38 lbs.

Typewriter Colors available: Emerald Green, Classic Blue, Sandstone Beige, Willow Green, Topaz Bronze, Garnet Rose, Pearl White and Raven Black.

Sales Prices

Special Item No.	Models	Model No.	Writing Line	Gov't. Price
47-2	13.5" Paper Capacity with Dual Pitch	893	11.0"	\$675.00
47-2	15.5" Paper Capacity with Dual Pitch	895	13.0"	693.00
47-2	13.5" Paper Capacity without Dual Pitch	853	11.0"	612.00
47-2	15.5" Paper Capacity without Dual Pitch	855	13.0"	630.00

Above purchase prices include four "Selectric" typing elements with each Dual Pitch Model and three "Selectric" typing elements with each Single Pitch Model and three IBM Tech III Ribbons.

IBM "Selectric" II Typewriter

An ideal machine for a wide variety of typing jobs; general correspondence, stencil writing, preparation of masters and forms work. Offers all of the speed, versatility and time-saving features of single-element IBM "Selectric" technology. Insures the best possible results for the widest possible variety of typing applications. Provides optimum combination capabilities for OCR applications, which enables customers with extensive 12 pitch applications to phase into 10 pitch OCR applications with a minimum of disruption.

Applications

General typing
Special formats
OCR requirements
Stencil/master preparation

Features

- Express backspace
- Stroke Storage System eliminates crowded or missing characters
- Dual Stroke Control prevents two characters from printing at the same time
- Usable speed of more than 150 words per minute
- Typematic action on underscore/hyphen, backspace, space bar, index key, and carrier return
- Interchangeable type styles
- Typing impression control
- Line-space lever for single or double spacing
- Direct-set margins at keyboard level
- Easy-to-change ribbon cartridge
- Page-end indicator
- Multiple-copy control
- Stationary Carriage

Optional Features

- Dual Pitch (10 or 12 characters per inch) and Half Backspace
Example

Selectric | | |
Selectric | | |



- Selective Ribbon System
(Film/Cartridge Ribbon or
IBM Tech III Ribbon), Fabric Ribbon Model

Specifications

Models	Model Nos.			
	Selective Ribbon System	Fabric Ribbon	Writing Line	Maximum Paper Accommodation
13.5" Paper Capacity without Dual Pitch	833	843	11.0"	13.5"
13.5" Paper Capacity with dual Pitch	873	883	11.0"	13.5"
15.5" Paper Capacity without Dual Pitch	835	845	13.0"	15.5"
15.5" Paper Capacity with Dual Pitch	875	885	13.0"	15.5"

Sales Prices

Special Item No.	Models	Model Nos.			
		Selective Ribbon System	Fabric Ribbon	Writing Line	Gov't. Price
47-2	13.5" Paper Capacity without Dual Pitch	833	843	11.0"	\$544.50
47-2	13.5" Paper Capacity with Dual Pitch	873	883	11.0"	607.50
47-2	15.5" Paper Capacity without Dual Pitch	835	845	13.0"	562.50
47-2	15.5" Paper Capacity with Dual Pitch	875	885	13.0"	625.50

Above purchase prices include four "Selectric" typing elements with each Dual Pitch Model and three "Selectric" typing elements with each Single Pitch Model and three IBM Tech III Ribbons.

IBM “Selectric” Typewriter

The IBM “Selectric” Typewriter uses the selective element principle of typing, thereby eliminating the need for type bars and a moving carriage. A wide selection of interchangeable typing elements, which are easily removed and inserted in seconds, increases the versatility in typing all forms of general correspondence and enhances the use of the IBM “Selectric” Typewriter as a teaching typewriter in the classroom.

Features

- Stationary carriage
- Interchangeable type styles
- Stroke Storage System eliminates crowded or missing characters.
- Dual Stroke Control prevents printing if two keys are struck simultaneously
- Usable speed of more than 150 words per minute
- Typamatic action on underscore/hyphen, back-space, space bar, index key, and carrier return
- Easy-to-change ribbon cartridge
- Typing impression control
- Line-space lever for single or double spacing
- Direct-set margins at keyboard level
- Clear View Card Holder
- Copy Guide
- Automatic impression equalizer
- Sculptured keys
- Line finder
- Page-end indicator
- Color—raven black
- 10 or 12 Pitch
- 101 Keyboard (only)
- 115 V, 60 Hz



Specifications

Fabric Ribbon Model 721
Writing Line—8.5"
Maximum Paper Accommodation—11.0"

Sales Prices

Special Item No.	Fabric Ribbon Model	Paper Capacity	Writing Line	Gov't. Price
47-2	721	11.0"	8.5"	\$481.50

Above purchase prices include two “Selectric” typing elements.

Type Styles for IBM "Selectric" Typewriters

**10 Pitch Type Styles Prepared on a 10 Pitch
IBM "Selectric" Typewriter**

**Suggested for Correspondence, General Typing,
Photographic and Offset Masters**

PRESTIGE PICA Code 123

PRESTIGE PICA 72 is ideal for
legal and accounting typing
1234567890

ADVOCATE Code 130

ADVOCATE is also in the square-
serif series of type styles
1234567890

COURIER 72 Code 134

COURIER 72, a square-serif type
face in the Pica family series
1234567890

DELEGATE Code 135

DELEGATE, a heavy type face with
the look of printed material
1234567890

PICA 72 Code 142

This is similar to the Pica type
style of the Model D Typewriter
1234567890

BOOKFACE ACADEMIC Code 158

BOOKFACE ACADEMIC 72 is ideal for
accounting applications
1234567890

Suggested for Special Typing Applications . . .

MANIFOLD 72 Code 140*

CODE 140, A SANS-SERIF TYPE FOR
BILLINGS AND FORMS PREPARATION
1234567890

MANIFOLD 72 Code 019*

CODE 019, SIMILAR TO CODE 140
WITH A LINE THROUGH THE ZERO (Ø)
123456789Ø

MANIFOLD 72 Code 006*

CODE 006 OFFERS PICA NUMERALS
FOR MAXIMUM CARBON LEGIBILITY
1234567890

ORATOR Code 141

THIS TYPE STYLE IS IDEAL FOR
SPEECH WRITING APPLICATIONS
1234567890

SYMBOL 10 Code 061

γδεθτυξιορπ	ΓΔ←θ→ΤΞ↑↓λΠ
ασφληκω”÷	∇ΣΦ<ΛΠ>§Ω^•
ζχψχβνμ’~ι	≈ΞΨα∞∞θ`+ʃ
·1 2 3 4 5 6 7 8 9 0	√ {}±∇ΓΓΓʃ_ʃ

Type Styles Specially Designed for Optical Scanning

1428 OCR Code 016

1428 OCR TYPE IS USED FOR
OPTICAL CHARACTER RECOGNITION
1234567890

1403 OCR Code 022

1403 OCR TYPE STYLE IS USED TO
PROVIDE MACHINE READABILITY
1234567890

12L2/12F2 OCR Code 023

12L2/12F2 ELEMENT IS USED FOR
OPTICAL CHARACTER RECOGNITION
1234567890

915 OCR Code 065

THE 915 OCR ELEMENT MAY BE USED
WITH THE 915 OPTICAL SCANNER
1234567890

OCR-B Type Code 185

This style may be used where
foreign language symbols are
required.

1234567890

COMMUNICATIONS-OCR Code 091

COMMUNICATIONS OCR MATCHES THE
ANSI OCR ELEMENT {CODE 056}
1234567890

PRINTING AND PUBLISHING NUMBER 2 OCR Code 157

This type style is designed for
applications involving REI scanners
1234567890

ANSI OCR Code 170

ANSI meets the American National Standards Institute specifications
1234567890

PRINTING AND PUBLISHING NUMBER 3 OCR Code 173

This style may be used with
ECRM scanners.
1234567890

DF-2 Code 659

DF-2 meets the requirements of the
Data Flow Optical Reading System
1234567890

**12 Pitch Type Styles Prepared on a 12 Pitch
IBM "Selectric" Typewriter**

**Suggested for Correspondence, General Typing,
Photographic and Offset Masters**

ADJUTANT Code 129

ADJUTANT is also a weighted style
that is ideal for correspondence
1234567890

ARTISAN 12 (72) Code 131

ARTISAN #12 is similar to the Artisan
offered with the Model D Typewriter
1234567890

COURIER 12 Code 132

COURIER 12 is a square-serif type
face style in the Elite family
1234567890

COURIER 12 ITALIC Code 133

COURIER 12 ITALIC may be used alone or
to add emphasis with other type styles
1234567890

DUAL GOTHIC 72 Code 136

DUAL GOTHIC 72 is a sans-serif type
which adds legibility to any copy
1234567890

ELITE 72 Code 137

ELITE 72 is recommended for a wide
variety of typing applications
1234567890

LARGE ELITE 72* Type Code 161

Recommended for a wide variety
of typing applications.
1234567890

LETTER GOTHIC Code 138

LETTER GOTHIC is highly recommended
for correspondence and reports
1234567890

PRESTIGE ELITE 72 Code 143

PRESTIGE ELITE 72 is a weighted type,
which offers varying applications
1234567890

SCRIBE Code 144 *

SCRIBE is a square-serif type face in
the Elite family of type styles
1234567890

Suggested for Special Typing Applications . . .

SYMBOL 12 Code 004

The following symbols are available on the IBM Symbol 12
Typing Element:

γδεθιυξιορπ ΓΔ↔Θ↔ΤΞ↑+ℓΠ
ασφιληγκω''÷ ∇ΣΦ<ΛΨ>§Ω^•
ζχψ×βνμ'~ι ≈ΞΨα∞~δ`+ʃ
1234567890 = L √|{ }±∇ʃ()ʃ _ J

AN 3/360 BOLD Code 084

AN3/360 BOLD MATCHES AN3 STYLE
POPULAR WITH IBM SYSTEM 360
1234567890

AN 3/360 Code 105

AN3/360 LOWER CASE MATCHES AN3
STYLE POPULAR WITH IBM SYSTEM 360
1234567890

LIGHT ITALIC Code 139

LIGHT ITALIC may also be used alone
or to add impact and emphasis
1234567890

SCRIPT Code 145

SCRIPT is a unique type style that
can simulate handwriting
1234567890

*Recommended for typing stencils.

NOTE: The above samples were prepared on the carbon
ribbon model.

Because of inherent differences between printed and
typewritten impressions, these type styles are not representa-
tive of typewritten material and should be used as a guide
to type design only.

Additional specialized type elements are also available.
Contact your local IBM Representative for details.

Keyboard Arrangements for IBM "Selectric" Typewriters

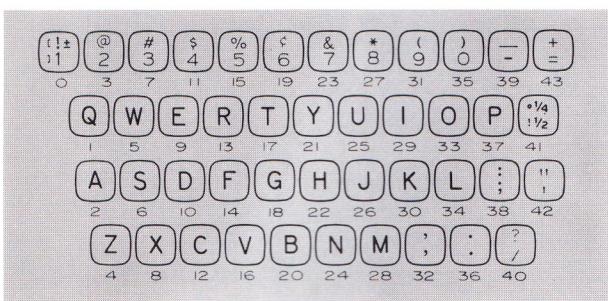
Dead Key (optional feature)

For use on typewriters with foreign language keyboards.

Contrasting Keybutton Color

For OCR applications in which OCR keyboarding is primarily alphabetical, a correspondence keyboard similar to those shown on the following pages is suggested.

For OCR typing, special shaded keyboards are available. The number arrangements designated by the dark keybuttons allow the operator to keyboard with one hand.

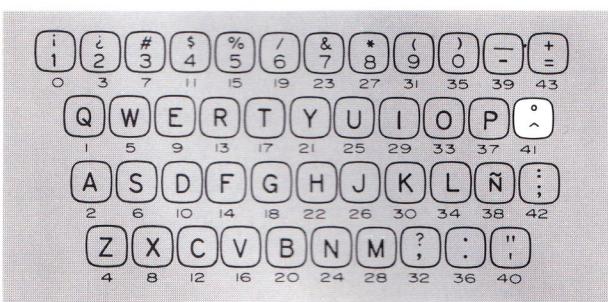


101 American Standard Keyboard

Standard arrangement—no extra charge.

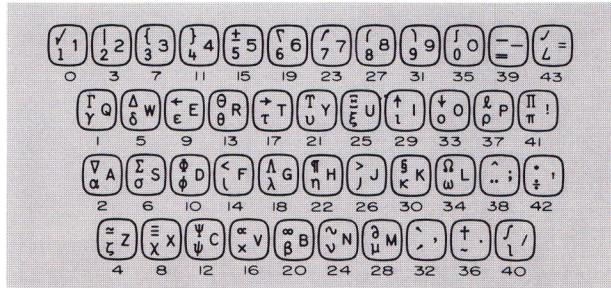
Available in the following type codes: 001, 005, 006, 007, 008, 010, 012, 014, 015, 019, 020, 021, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 039, 050, 053, 055, 059, 060, 067, 068, 070, 085, 086, 090, 123, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 158, 161 and 185*. Characters supplied in position "0" and position "41" are indicated on pages 28 and 29.

Only keyboard available in Model 721 "Selectric".



002 Latin American Correspondence

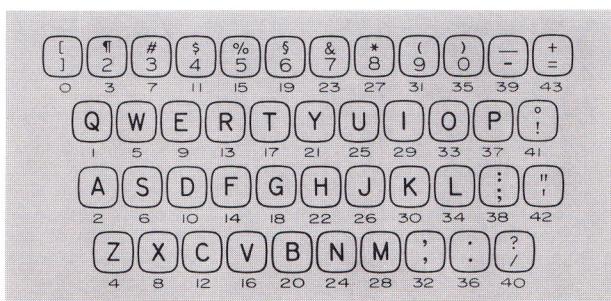
Standard arrangement—no extra charge. Available in the following Latin American type codes: 002, 003, 018, 040, 041, 042, 062, 063, 198. Standard domestic print elements can be used on Latin American machines since only eight keyboard positions differ. Differences exist in positions 0, 3, 19, 32, 38, 40, 41, and 42. A keyboard reference chart can be improvised if necessary due to the familiarity with the standard keyboard. Position 41 furnished as a "dead key" unless otherwise specified.



Symbol Layout

The IBM Symbol element (available in 10 or 12 pitch) contains 88 symbol characters including mathematical, legal, chemical, and language accents. Numerous other symbols can be constructed by combining two or more characters. With the addition of a standard typing element the complete Greek alphabet is also available in upper and lower case.

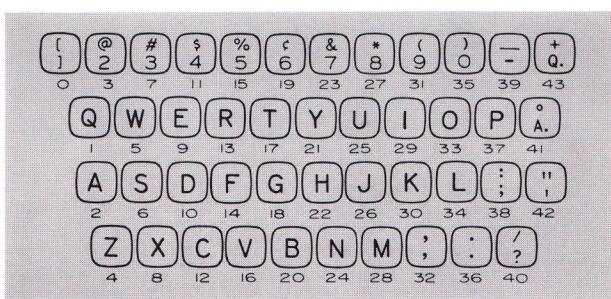
The keyboard arrangement shown is merely to show what characters are on the element—the standard keyboard arrangement will be supplied. Half-spacing ratchet is recommended. Location of these characters on the standard keyboard is determined by using an available Reference Chart.



017 Legal Keyboard*

Standard arrangement—no extra charge.

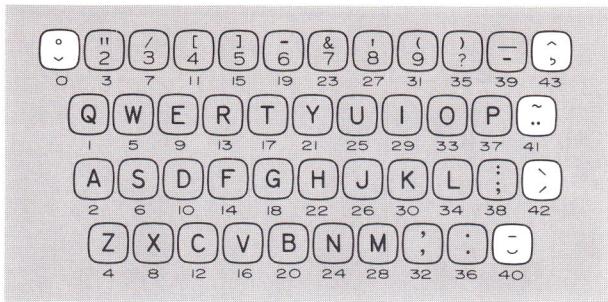
Available in type codes 017, 049, and 051. Position "0" has brackets only. Position "3" has paragraph symbol over number 2. Position "19" has section symbol over number 6. Position "41" has a degree sign over exclamation mark. All other positions are the same as standard keyboard.



048 Court Reporter

Standard arrangement—no extra charge. Available in type codes 048 and 052. Position "0" has brackets only. Position "40" has diagonal sign over question mark. Position "41" has a degree over capital A period. Position "43" has a plus sign over capital Q period. All other positions are the same as standard keyboard.

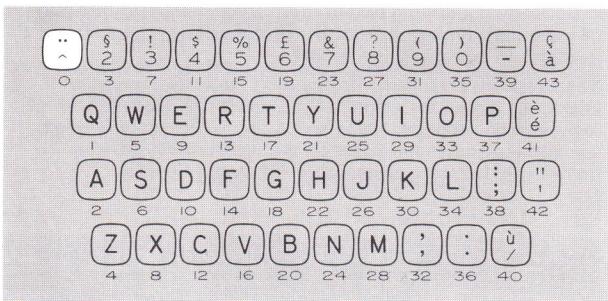
*No longer available for MT/ST and Mag Card "Selectric" Typewriters. Elements are available for installed machines only.



069 Library Keyboard

Standard arrangement—no extra charge.

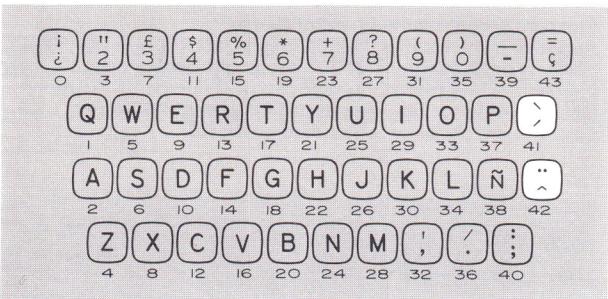
Available in type code 069. Position "0", "40", "41", "42", and "43" are dead key positions. Recommended for bibliographical and cataloging work in libraries.



057 French/English Correspondence Keyboard

Standard arrangement—no extra charge.

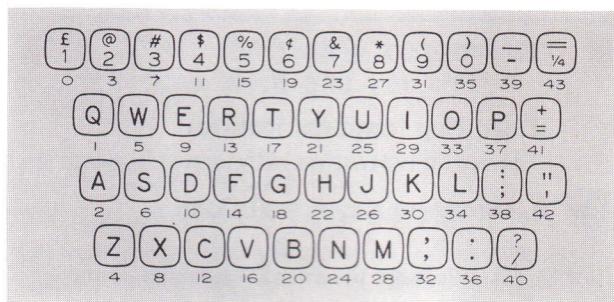
Available in type code 057. Standard Domestic Print element can be used on French/English machines since they differ only in positions "0", "3", "7", "19", "27", "40", "41" and "43". A keyboard reference chart can be improvised if necessary. Position "0" is furnished as a "dead key" unless otherwise specified.



074 Tri-Lingual Keyboard

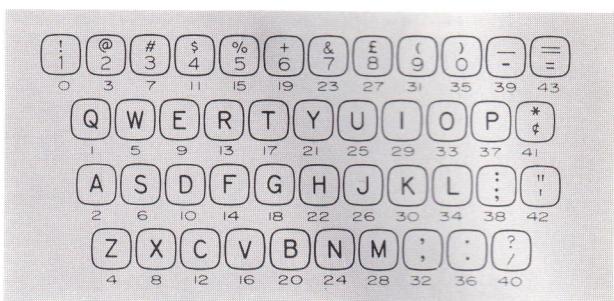
Standard arrangement—no extra charge.

Available in type code 074. The print matches Elite 72 type style. Types in French, English and Spanish without changing the element. When a "Selectric" Typewriter is ordered with a Tri-Lingual element as the primary element, positions "41" and "42" will be dead key positions, unless otherwise specified. The following positions will be low velocity positions: "32", "36 L.C.", "39", "40", "41" and "42" unless otherwise specified.



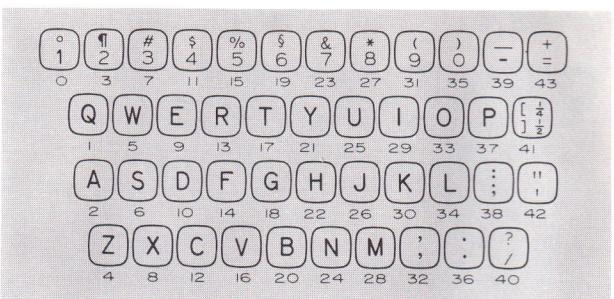
172 Accounting Keyboard

Standard arrangement—no extra charge. Available in type code 172.



174 Accounting Keyboard

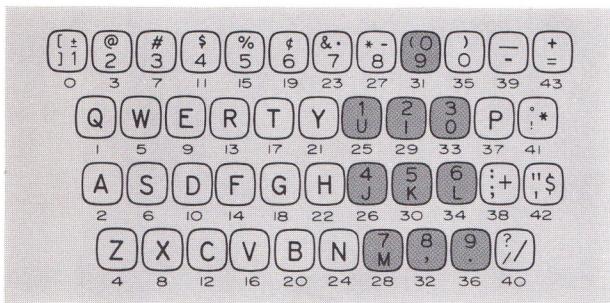
Standard arrangement—no extra charge. Available in type code 174.



177 Legal Keyboard

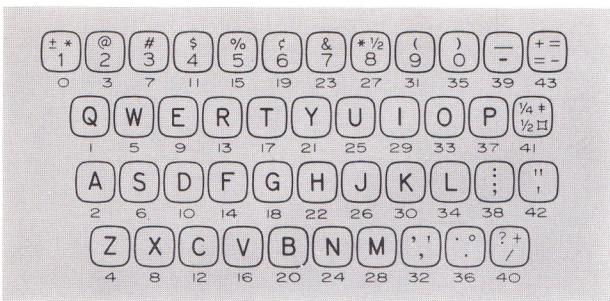
Standard arrangement—no extra charge. Available in type codes 177, 178, 179, 180, 181, 182.

Continued on next page



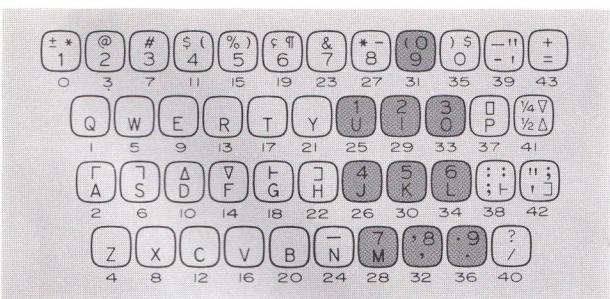
016 1428 OCR Keypunch Simulator*

Standard arrangement. Available in the following type code: 016. Designed for use with the IBM 1428 Scanner and/or card punch training. The keypunch simulator arrangement is in uppercase. Use only on 10 pitch. Valid uppercase characters appear only in shaded keyboard positions and positions 38, 40, 41 and 42.



022 1403 Optical Character Recognition Keyboard*

Available in the following type code: 022. For optical scanning purposes, use only on 10 pitch. There are both standard correspondence symbols and "1403" symbols in positions "0", "27", "32", "36", "40", "41", and "43".



023 12L2/12F2 Optical Character Recognition Keyboard

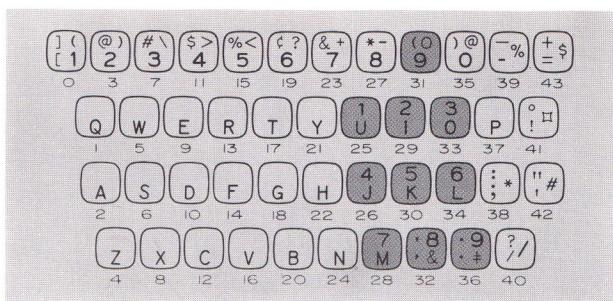
Available in type code 023. For optical scanning purposes, use only 10 pitch. The keyboard layout depicts both standard correspondence symbols and the Selfchek™ symbols. The "Selfchek" symbols are in positions "2", "6", "10", "14", "18", "22", "24", "37", "38", "41", and "42".

SELFCHEK is a trademark of the Farrington Manufacturing Co.



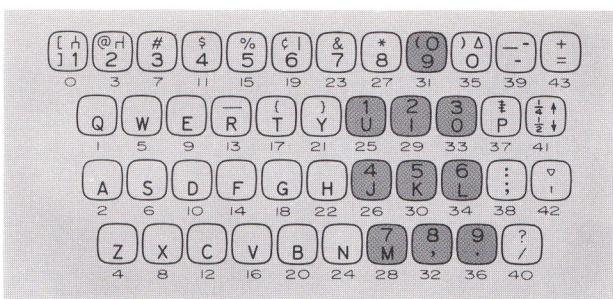
056 American National Standards Institute – OCR

Available in type code 056. For optical scanning purposes, use only on 10 pitch. Uppercase for use with one-handed numeric operation. Lowercase for use with standard two-handed typing.



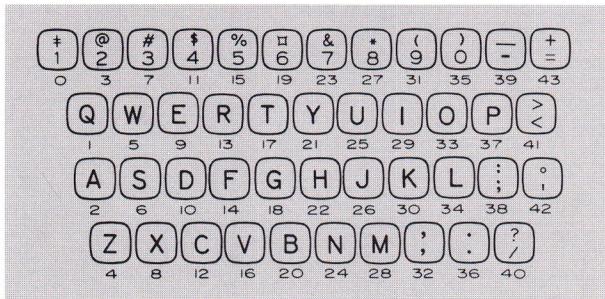
064 1403 Keypunch Keyboard*

Available in type code 064. For optical scanning purposes, use only on 10 pitch. Uppercase for use with one-handed numeric operation. Lowercase for use with standard two-handed typing. Type style identical to type code 022. Designed for applications involving the R.E.I. (Recognition Equipment Incorporated) scanner.



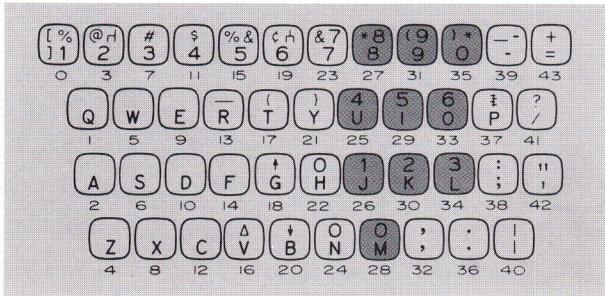
065 915 OCR

Available in type code 065. For optical scanning purposes, use only on 10 pitch. Uppercase for use with one-handed numeric operation. Lowercase for use with standard two-handed typing. Type style similar to type code 056—modified for use with Control Data Corporation scanners.



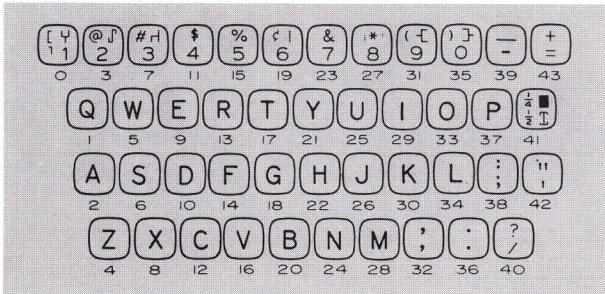
084 and 105 AN3/360 and AN3/360 Bold

Standard arrangement—no extra charge. Available in type codes 084 and 105. The AN3/360 element (084 and 105) is intended to match the AN3 font which is available on 1403 chain and train printers. These elements differ only in that the 084 is somewhat bolder than the 105. This difference helps to accommodate variations in ribbons and number of copies, and so achieve a better match with the chain printer output.



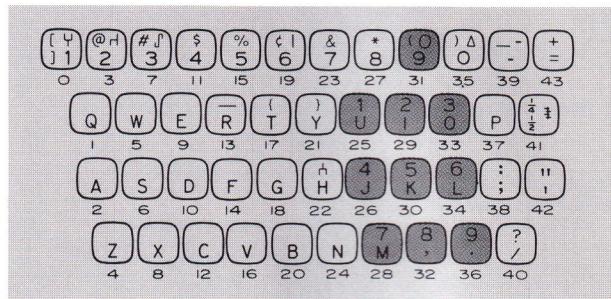
106 Adding Machine Simulator *

Standard arrangement—no extra charge. Available in type code 106. The adding machine simulator element is an OCR element intended for use with a CDC 915 Scanner. It offers a 10-key cluster of numerals in uppercase arranged to resemble the keyboard of a 10-key adding machine. The zero is located in three positions to encompass most of the variations in zero position found in adding machine keyboards today.



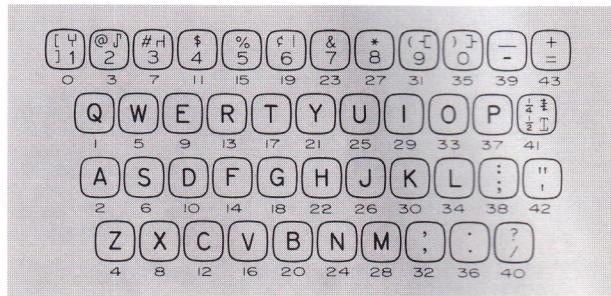
108 Communications OCR #2*

Standard arrangement. It is identical to the 91 keyboard except that the character erase symbol “blob” is substituted in uppercase position 41 for the “Chinese Christmas Tree” character erase symbol. This type style is the same as code 056.



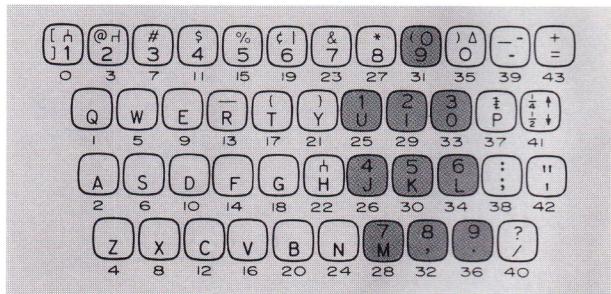
122 915 OCR #2*

Standard arrangement. Generally contains the same character set as 065, 092 and 106, and has all of the special characters unique to the CDC 915 Scanner except “arrow up” and the “arrow down.” When no character appears in uppercase, the print element has the 915 “character erase” symbol.



091 Communications OCR Keyboard

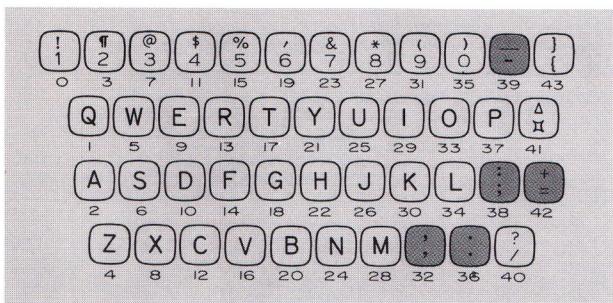
Standard arrangement—no extra charge. Available in type code 091. For optical scanning purposes, use on 10 pitch. This type style is the same as that of type code 056. The 10-key arrangement of numerals in uppercase has been eliminated, and some of the special symbols are different.



092 915 – OCR (modified)

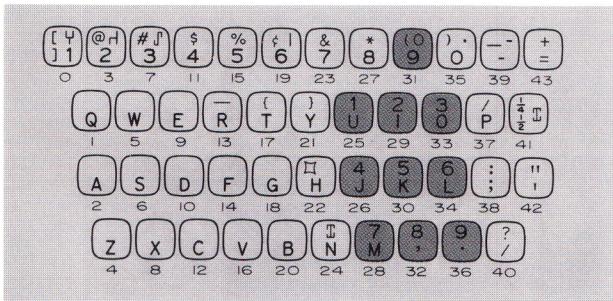
Standard arrangement. Available in type code 092. The 92 keyboard differs from the 65 keyboard as follows: position 38, lowercase has an “equal” sign; position 41, lowercase has a “dollar” sign, and position 43, lowercase has a “long vertical mark.”

Continued on next page



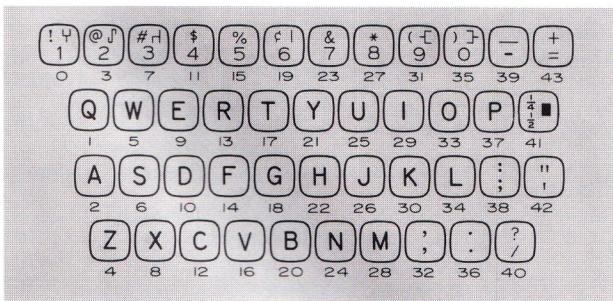
157 Printing and Publishing OCR #2

Standard arrangement. Available in type codes 157 and 199. (Type code 199 modified for Compuscan 170 Series Optical Readers). Not available with Accent Blue keybuttons and platen knobs.



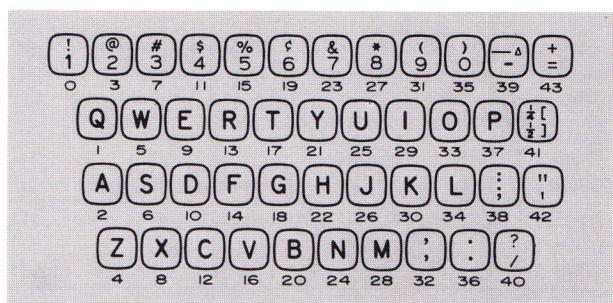
160 ANSI-OCR

Same arrangement as the 056 keyboard, with the exception of the "belt-buckle" delete symbol in upper and lower cases, position 41 required by IBM 1287/88 Optical Readers. Not available with Accent Blue or Dark Blue keybuttons and platen knobs.



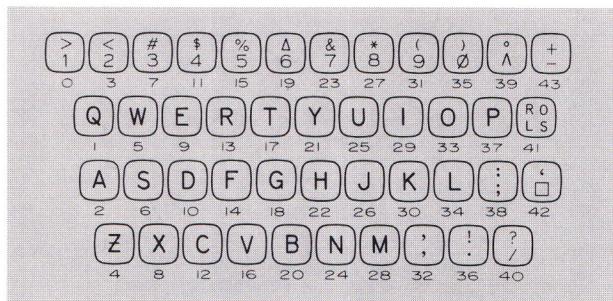
170 Printing and Publishing OCR #1

Standard arrangement. Available in type code 170. Includes all of the characters of the four ANSI-OCR elements plus the complete lowercase alphabet. Not available with Accent Blue keybuttons and platen knobs.



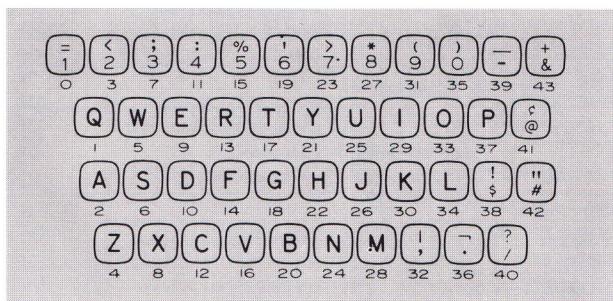
173-Printing and Publishing OCR #3

Standard arrangement. Available in type code 173. Meets requirements of the OCR "Auto-reader." Available only with Charcoal Gray or Accent Gray keybuttons and platen knobs.



659-Dataflow OCR #2

Standard arrangement. Combines conventional characters with a bar code. Meets requirements of the Dataflow Optical Reading System. Available only with Charcoal Gray or Accent Gray keybuttons and platen knobs.



163 "BCD" (Binary Coded Decimal)

"Selectric" Typewriters, all models, only.

Keyboard and element are not compatible with standard arrangement. Available in type code 963. The keyboard and element supplied when BCD configuration is specified for I/O printers. Keybuttons are available in Accent Gray only.

NOTE: For best results in the optical scanning process, the Carbon Ribbon Model is recommended.

*All Optical Character Recognition Keyboards are for use with 10 pitch "Selectric" Typewriters.

Additional specialized keyboard arrangements are also available. Contact your local IBM Representative for details.

IBM "Selectric" Typewriter Keyboard Information by Type Style

Unless otherwise specified all IBM "Selectric" Typewriters will be shipped with the 101 Keyboard arrangement. If an Optical Character Recognition type style is ordered as the primary element, an OCR Keyboard will be supplied.

All elements shown for the 101 Keyboard, except for those designated "American Standard" under Keyboard Description, are compatible with the discontinued 001 Keyboard.

Type Code	Type Style	Keyboard Description	Pitch	Point Size	101 Keyboard Reference		Part No.
					Position "0"	Position "41"	
129	Adjutant	American Standard	12	9	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167129
030	Adjutant		12	9	[over]	$\frac{1}{2}$ over !	1167030
031	Adjutant		12	9	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167031
130	Advocate	American Standard	10	12	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167130
050	Advocate		10	12	[over]	over !	1167050
036	Advocate		10	12	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167036
003	Advocate	Latin American	10	12	Refer to Keyboard 002		1167003
084	AN3/360 Bold		10	8 & 6	Refer to Keyboard 105		1167084
105	AN3/360		10	8 & 6	Refer to Keyboard 105		1167105
131	Artisan 12-72	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167131
053	Artisan 12-72		12	10	[over]	$\frac{1}{2}$ over !	1167053
055	Artisan 12-72		12	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167055
062	Artisan 12-72	Latin American	12	10	Refer to Keyboard 002		1167062
056	ANSI-OCR	Keypunch Simulator	10	10	Refer to Keyboard 056		1167056
091	ANSI-OCR		10	10	Refer to Keyboard 091		1167091
108	ANSI-OCR		10	10	Refer to Keyboard 108		1167108
160	ANSI-OCR		10	10	Refer to Keyboard 160		1167160
963	Data # 1		10	12	Refer to Keyboard 163		1167963
659	Dataflow # 2		10	10	Refer to Keyboard 659		1167659
065	915 OCR	Keypunch Simulator	10	10	Refer to Keyboard 065		1167065
092	915 OCR	Keypunch Simulator	10	10	Refer to Keyboard 092		1167092
106	915 OCR	Adding Machine Simulator	10	10	Refer to Keyboard 106		1167106
122	915 OCR	Keypunch Simulator	10	10	Refer to Keyboard 122		1167122
185	OCR-B		10	10	Refer to Keyboard 101		1167185
023	12L2/12F2	Keypunch Simulator	10	10	Refer to Keyboard 023		1167023
022	1403 OCR		10	10	Refer to Keyboard 022		1167022
064	1403 OCR	Keypunch Simulator	10	10	Refer to Keyboard 064		1167064
016	1428 OCR	Keypunch Simulator	10	10	Refer to Keyboard 016		1167016
*170	Prtg. & Publ. No. 1 OCR	Prtg. & Publ. No. 1	10	10	Refer to Keyboard 170		1167170
157	Prtg. & Publ. No. 2 OCR	Prtg. & Publ. No. 2	10	10	Refer to Keyboard 157		1167157
173	Prtg. & Publ. No. 3 OCR	Prtg. & Publ. No. 3	10	8	Refer to Keyboard 173		1167173
199	Prtg. & Publ. No. 2 (Modified)		10	10	Refer to Keyboard 157		1167199
158#	Bookface Academic 72	American Standard	10	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167158
174#	Bookface Academic 72	Accounting	10	10	Refer to Keyboard 174		1167174
132	Courier 12	American Standard	12	8	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167132
067	Courier 12		12	8	[over]	$\frac{1}{2}$ over !	1167067
068	Courier 12		12	8	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167068
133	Courier 12 Italic	American Standard	12	8	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167133
085	Courier 12 Italic		12	8	[over]	$\frac{1}{2}$ over !	1167085
086	Courier 12 Italic		12	8	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167086
*134	Courier 72	American Standard	10	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167134
*015	Courier 72		10	10	[over]	$\frac{1}{2}$ over !	1167015
*029	Courier 72		10	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167029
040	Courier 72	Latin American	10	10	Refer to Keyboard 002		1167040
051	Courier 72	Legal	10	10	Refer to Keyboard 017		1167051
052	Courier 72	Court Reporter	10	10	Refer to Keyboard 048		1167052
**043	Courier 72	DP Programs	10	10	Refer to Keyboard 043		1167043
177	Courier 72	Legal	10	8	Refer to Keyboard 177		1167177
178	Courier 72	Legal Fraction	10	8	Refer to Keyboard 177		1167178
113	Courier 72		10	10	Refer to Composer Keyboard		1167113
112	Courier 72	Legal	10	10	Refer to Composer Keyboard		1167112

Continued on next page

Type Code	Type Style	Keyboard Description	Pitch	Point Size	101 Keyboard Reference		Part No.
					Position "0"	Position "41"	
*135	Delegate	American Standard	10	12	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167135
070	Delegate		10	12	[over]	$\frac{1}{2}$ over !	1167070
035	Delegate		10	12	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167035
002	Delegate	Latin American	10	12	Refer to Keyboard 002		1167002
136	Dual Gothic	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167136
020	Dual Gothic		12	10	[over]	$\frac{1}{2}$ over !	1167020
021	Dual Gothic		12	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167021
*137	Elite 72	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167137
*007	Elite 72		12	10	[over]	$\frac{1}{2}$ over !	1167007
*026	Elite 72		12	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167026
069	Elite 72	Library	12	10	Refer to Keyboard 069		1167069
074	Elite 72	Tri-Lingual	12	10	Refer to Keyboard 074		1167074
161	Large Elite 72	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167161
*138	Letter Gothic	American Standard	12	12	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167138
005	Letter Gothic		12	12	[over]	$\frac{1}{2}$ over !	1167005
039	Letter Gothic		12	12	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167039
063	Letter Gothic	Latin American	12	12	Refer to Keyboard 002		1167063
139	Light Italic	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167139
014	Light Italic		12	10	\pm over 1	$\frac{1}{2}$ over !	1167014
032	Light Italic		12	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167032
*140	Manifold 72	American Standard	10	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167140
006	Manifold 72	Pica Numerals	10	10	\pm over 1	$\frac{1}{2}$ over !	1167006
010	Manifold 72		10	10	\pm over 1	$\frac{1}{2}$ over !	1167010
019	Manifold 72	Cancelled Zero	10	10	\pm over 1	$\frac{1}{2}$ over !	1167019
028	Manifold 72		10	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167028
**087	Manifold 72	DP Programs	10	10	**		1167087
141	Orator	American Standard	10	14 & 8	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167141
059	Orator		10	14 & 8	\pm over 1	$\frac{1}{2}$ over !	1167059
060	Orator		10	14 & 8	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167060
*142	Pica 72	American Standard	10	12	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167142
*008	Pica 72		10	12	[over]	$\frac{1}{2}$ over !	1167008
*027	Pica 72		10	12	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167027
017#	Pica 72	Legal	10	12	Refer to Keyboard 017		1167017
046	Pica 72	Registered	10	12	Refer to Keyboard 046		1167046
048	Pica 72	Court Reporter	10	12	Refer to Keyboard 048		1167048
121	Pica 72	Chemical	10	12	Refer to Keyboard 120		1167121
*143	Prestige Elite 72	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167143
*012	Prestige Elite 72		12	10	[over]	$\frac{1}{2}$ over !	1167012
*033	Prestige Elite 72		12	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167033
041	Prestige Elite 72	Latin American	12	10	Refer to Keyboard 002		1167041
049	Prestige Elite 72	Legal	12	10	Refer to Keyboard 017		1167049
057	Prestige Elite 72	French/English	12	10	Refer to Keyboard 057		1167057
120	Prestige Elite 72	Chemical	12	10	Refer to Keyboard 120		1167120
**169	Prestige Elite 72	DP Programs	12	10	**		1167169
179	Prestige Elite 72	Legal	12	10	Refer to Keyboard 177		1167179
180	Prestige Elite 72	Legal Fraction	12	10	Refer to Keyboard 177		1167180
111	Prestige Elite 72		12	10	Refer to Composer Keyboard		1167111
110	Prestige Elite 72	Legal	12	10	Refer to Composer Keyboard		1167110
123#	Prestige Pica 72	American Standard	10	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167123
172#	Prestige Pica 72	Accounting	10	10	Refer to Keyboard 172		1167172
181#	Prestige Pica 72	Legal	10	10	Refer to Keyboard 177		1167181
182#	Prestige Pica 72	Legal Fraction	10	10	Refer to Keyboard 177		1167182
198#	Prestige Pica 72	Latin American	10	10	Refer to Keyboard 002		1167198
144	Scribe	American Standard	12	10	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167144
001	Scribe		12	10	[over]	$\frac{1}{2}$ over !	1167001
025	Scribe		12	10	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167025
018	Scribe	Latin American	12	10	Refer to Keyboard 002		1167018
145	Script	American Standard	12	12	! over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167145
090	Script		12	12	\pm over 1	$\frac{1}{2}$ over !	1167090
034	Script		12	12	\pm over 1	$\frac{1}{4}$ over $\frac{1}{2}$	1167034
042	Script	Latin American	12	12	Refer to Keyboard 002		1167042
004	Symbol 12		12	10	Refer to Sym. Keyboard		1167004
061	Symbol 10		10	12	Refer to Sym. Keyboard		1167061

* Denotes type styles for which custom elements are available.

**Designed for Mag Card "Selectric" Typewriter with the Communicating feature when used in conjunction with a computer.

++Use on units equipped with 10 pitch escapement.

#Machine modification will be required when used on typewriters manufactured prior to September 1972.

IBM "Executive" Typewriter

The IBM "Executive" Typewriter offers an important edge in the competition for the time and attention of the busy people you write to. Research proves that its proportional typing can be read faster than ordinary typing: 6% faster on the average.* In this way, proportional typing helps the letters you send out get to the point faster. It can also reduce significantly the growing cost of employee reading time when used for internal correspondence. And to command attention, the IBM "Executive" Typewriter gives your letters an even finer print-like appearance to make them stand out from other typed material. Your secretary will be pleased, too, with the many new features added to make typing easier, more pleasant.

Applications

General correspondence

Prestige typing with quality appearance

Copy preparation of direct-to-plate photographic masters

Features

- 4 different letter widths and unit escapements of 1/32" or 1/36" for typographical balance
- No-Print Control permits rapid and accurate centering
- Repositioning Indicator Control at keyboard level
- Space Expand Lever adds one unit to the two-unit space bar for rapid statistical typing
- Expand Lever adds a unit of space to space bars and characters for open headings
- 88-character keyboard with sculptured keys
- Instant Line-Position Reset
- Controls at keyboard level to reduce fatigue
- Multiple-copy control
- Clear View Card Holder
- Typematic Keys
- Zero Center Copy Guide Scale
- Individually aligned type bars insure even typing lines
- Individually regulated type bar for uniform impression
- Dual-impression control



Specifications

The following dimensions are standard:

Height 9 1/4", Depth 16 7/8", Case Width (base) 16 5/8".

	Models with 12 1/2" Carriage*	Models with 16" Carriage	Models with 19" Carriage
Writing Line	12.4"	15.9"	18.9"
Maximum Paper Accommodation	12.5"	16.0"	19.0"
Outside Width (Carriage centered)	18 5/8"	22 1/8"	25 1/8"
Weight	50 lbs.	52 lbs.	54 lbs.

*Independent research was conducted with secretarial, management and professional people in business and industry. Standard reading test materials were used, typed in proportionally spaced IBM "Executive" Modern and conventionally spaced IBM Standard Prestige Elite.

Sales Prices

Special Item No.	Carbon Ribbon	Paper Capacity	Writing Line	Gov't. Price
1/32 & 1/36 Proportional Spacing				
47-3	421*	12.5"	12.4"	\$724.50
47-3	422	16.0"	15.9"	742.50
47-3	423	19.0"	18.9"	814.50

(Available with Carbon Ribbon only)

Choice of an additional Stencil Platen (No. 9 hardness) or Standard Platen and keyboard substitution of available characters will be furnished at no charge with the purchase of each Model D "Executive" Typewriter shown above. Should the gratis Stencil Platen not be desired, the additional Standard Platen which will be furnished may either be utilized by the ordering agency's repair shop or for replacing worn platens on previously purchased IBM Model C or D Standard and "Executive" Typewriters.

*Model 421 no longer available after December 31, 1975.

Type Styles for IBM "Executive" Typewriter

Suggested for Correspondence, General Typing

MODERN Code 032 Type mark PM
1/32 unit escapement

MODERN type is designed for use
by professionals and executives
1234567890

ARCADIA Code 079* Type mark JM
1/32 unit escapement

ARCADIA is an all-purpose type
which enhances finished copy
1234567890

Suggested for Correspondence, General Typing, and Spirit Duplicating . . .

DOCUMENTARY Code 040 Type mark PE
1/32 unit escapement

DOCUMENTARY type was created for
use by the legal profession
1234567890

*Recommended for typing stencils.

**Available on special request

BOLDFACE NO. 1 Code 016 Type Mark PO
1/36 unit escapement

** **BOLDFACE #1** is often used to simulate printer's type.
1234567890

BOLD FACE NO. 2 Code 057 Type mark PB
1/36 unit escapement

BOLD FACE No. 2 is ideal for
offset reproduction applications
1234567890

Suggested for Photographic and Offset Plate Reproduction . . .

MID-CENTURY Code 050 Type mark PF
1/36 unit escapement

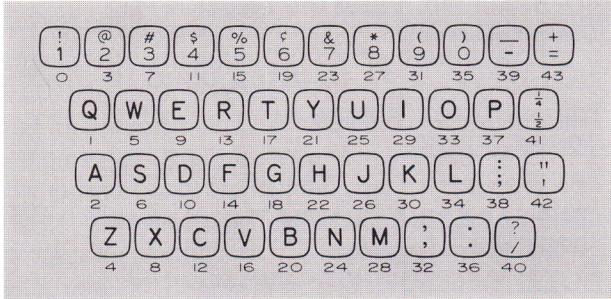
MID-CENTURY, a sans-serif type face
used for technical copy and notices
1234567890

Suggested for Special Typing Applications . . .

DIRECTORY Code 066 Type mark PK
1/32 unit escapement

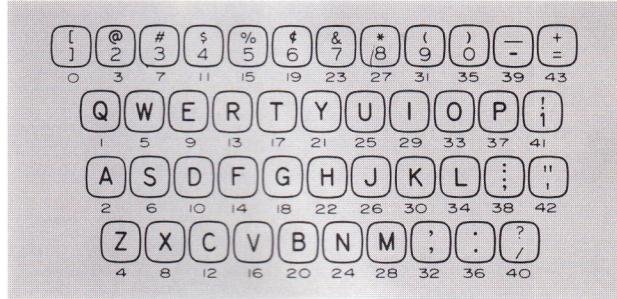
DIRECTORY is ideal for speech
writing applications & notices
1234567890

Keyboard Arrangements for IBM "Executive" Typewriter



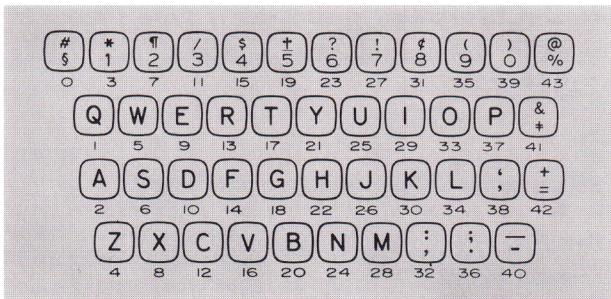
101 Correspondence Keyboard

Standard arrangement. Available in the following "Executive" type styles: 016, 026, 032, 040, 047, 050, 051, 057, 065, 066, 071, 079, 089, 099.



131 "Executive" Keyboard

Standard arrangement—no extra charge. Available in the following type styles: 016, 026, 032, 040, 047, 050, 051, 057, 065, 066, 071, 079, 089, 099.



004 "Executive" Keyboard

Standard arrangement—no extra charge. Available in the following type styles: 016, 026, 032, 040, 047, 050, 051, 057, 065, 066, 071, 079, 089, 099.

Additional specialized keyboards are also available. Contact your local IBM Representative for details.

IBM Model D Typewriter

The IBM Model D Typewriter is the perfect partner for typists who must do many different typing jobs . . . and do them all well. With its wide selection of optional features and time-saving attachments, it can be tailored to meet the needs of any typing job . . . from routine work to highly specialized assignments. Every feature is designed to make typing easier and faster . . . to help make typists become more productive. Whatever the job, no matter how exacting the demands, you can depend on the Model D Typewriter for reliable performance to help keep paperwork flowing smoothly.

Applications

General correspondence

Stencil writing

Carbon copy requirements

Preparation of master copy for:

All types of duplication

Formswriting

General typing applications

Features

- 88-character keyboard with sculptured keys
- Controls at keyboard level to reduce fatigue
- Multiple-Copy Control
- Half-space Lever for error correction and justified margin
- Clear View Card Holder
- Typematic keys for rapid repeat action on underscore, carriage return, space bar, back space, hyphen, period and letter "x"
- Zero Center Copy Guide Scale
- Individually aligned type bars insure even typing lines
- Individually regulated type bar for uniform impression
- Dual-impression control of uppercase and lowercase characters
- Adjustable impression control
- Self-cleaning type bar segment



Specifications

The following dimensions are standard for all IBM Model D Typewriters: Height 9 1/4", Depth 16 7/8", Case Width (base) 16 5/8".

Carriage Sizes	Models with 12 1/4"	Models with 16"	Models with 19"	Models with 23"
Writing Line	Carriage*	Carriage	Carriage	Carriage*
Maximum Paper Accommodation	12.4"	15.9"	18.9"	22.9"
Outside Width (Carriage Centered)	12.5"	16"	19"	23"
Weight	48 lbs.	50 lbs.	52 lbs.	55 lbs.

Sales Prices

Special Item No.	Fabric Ribbon	Models	Carbon Ribbon	Paper Capacity	Writing Line	Gov't. Price
47-1	121*		821*	12.5"	12.4"	\$544.50
47-1	122		822	16.0"	15.9"	553.50
47-1	123		823	19.0"	18.9"	612.00
47-1	124*		824*	23.0"	22.9"	679.50

Choice of an additional Stencil Platen (No. 9 hardness) or Standard Platen and keyboard substitution of available characters will be furnished at no charge with the purchase of each Model D Standard with Decimal Tabulation shown above. Should the gratis Stencil Platen not be desired, the additional Standard Platen which will be furnished may either be utilized by the ordering agency's repair shop or for replacing worn platens on previously purchased IBM Model C or D Standard and "Executive" Typewriters.

*Models 121, 821, 124, and 824 no longer available after December 31, 1975.

IBM Decimal Tabulator

The IBM Model D Typewriter with Decimal Tabulation eliminates the most time-consuming aspects of statistical typing—multiple tab setting and continual backspacing. Nine Decimal Tab Keys are utilized to move the carriage quickly and automatically into proper position. As a result, hand movement on the keyboard is greatly reduced and typing time becomes more productive. Typists can handle the most complex accounting or financial reports with touch-typing ease.

Applications

Statistical typing
Billing
Formswriting

Features

- 9 Decimal Tab Keys in 3 units conveniently located above number row
- Decimal Tab Keys in natural sequence from the hundred-millions unit to a one-digit unit eliminate multiple tab setting and backspacing
- Statistical keyboard in 2 rows for minimum hand motion
- 88-character keyboard with sculptured keys
- Controls at keyboard level to reduce fatigue
- Multiple-Copy Control
- Half-space Lever for error correction and justified margin
- Clear View Card Holder
- Typematic keys for rapid repeat action in underscore, carriage return, space bar, backspace, hyphen, period and letter "x"
- Zero Center Copy Guide Scale
- Individually aligned type bars insure even typing lines
- Individually regulated type bars for uniform impression
- Dual-impression control of uppercase and lowercase characters
- Adjustable impression control
- Self-cleaning type bar segment
- Carbon and Fabric Ribbon Models
- Special type and line spacing



Specifications

The following dimensions are standard for all IBM Model D Typewriters with Decimal Tabulation:
Height 9 1/4", Depth 16 7/8", Case Width (base) 16 5/8".

Carriage Sizes	Models with 16" Carriage	Models with 19" Carriage	Models with 23" Carriage*
Writing Line	15.9"	18.9"	22.9"
Maximum Paper Accommodation	16"	19"	23"
Outside Width (Carriage Centered)	22 1/8"	25 1/32"	29 1/32"
Weight	50 lbs.	52 lbs.	55 lbs.

Sales Prices

Special Item No.	Fabric Ribbon	Carbon Ribbon	Paper Capacity	Models	
				Writing Line	Gov't. Price
47-1	162	862	16.0"	15.9"	\$706.50
47-1	163	863	19.0"	18.9"	765.00
47-1	164*	864*	23.0"	22.9"	832.50

Choice of an additional Stencil Platen (No. 9 hardness) or Standard Platen and keyboard substitution of available characters will be furnished at no charge with the purchase of each Model D Standard Typewriter shown above. Should the gratis Stencil Platen not be desired, the additional Standard Platen which will be furnished may either be utilized by the ordering agency's repair shop or for replacing worn platens on previously purchased IBM Model C or D Standard and "Executive" Typewriters.

*Models 164 and 864 no longer available after December 31, 1975.

Type Styles for IBM Model D Typewriters

Suggested for Correspondence, General Typing

PICA Code 001* Type mark P

10 Pitch

The PICA type is used for a wide variety of typing applications
1234567890

PRESTIGE PICA Code 078* Type mark SP

10 Pitch

PRESTIGE PICA is a weighted type style within the Roman family.
1234567890

COURIER Code 087 Type mark SM

10 Pitch

COURIER is a square-serif type face in the Pica family series
1234567890

BOOKFACE ACADEMIC Code 021 Type mark BA

10 Pitch

BOOKFACE is used when you desire the look of a Bodoni type face
1234567890

LARGE PICA Code 015* Type mark B

10 Pitch

LARGE PICA type is used to add legibility to any form of copy
1234567890

ELITE Code 002* Type mark E

12 Pitch

ELITE type is comfortably suited for a variety of typing applications
1234567890

PRESTIGE ELITE Code 076* Type mark SE

12 Pitch

PRESTIGE ELITE, a weighted type face which has a variety of applications
1234567890

COURIER 12 Code 091 Type mark SR

12 Pitch

COURIER 12, a modern type face with a wide range of typing applications
1234567890

ARTISAN 12 Code 085* Type mark G2

12 Pitch

ARTISAN 12 is a sans-serif type face. It is ideal for many typing jobs
1234567890

LARGE ELITE Code 031* Type mark LE

12 Pitch

LARGE ELITE type can be applied to a large variety of typing applications.
1234567890

Suggested for Manifolding and Forms Typing . . .

MANIFOLD NO. 10 Code 073 Type mark H3

10 Pitch

MANIFOLD #10 IS A GOOD CHOICE FOR BUSINESS FORMS AND BILLINGS
1234567890

Suggested for Special Typing Applications . . .

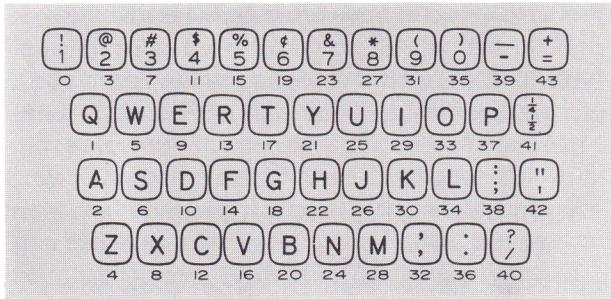
DUAL BASIC GOTHIC Code 036 Type mark DB

12 Pitch

DUAL BASIC GOTHIC, a light sans-serif face for business forms and invoices
1234567890

*Recommended for typing stencils.

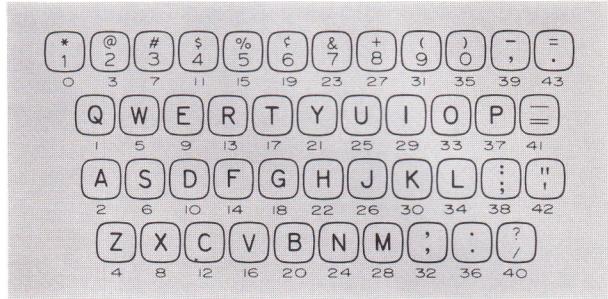
Keyboard Arrangements for IBM Model D Typewriters



101 Correspondence Keyboard

Standard arrangement—no extra charge.

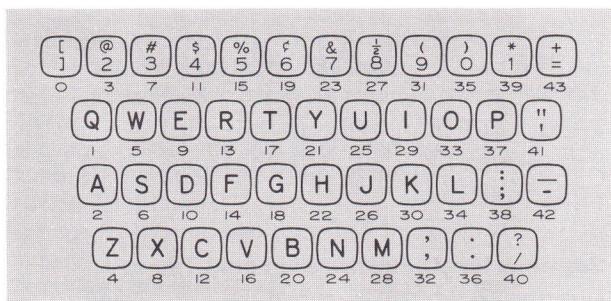
Available in the following standard type faces: 001, 002, 015, 021, 031, 036, 067, 072, 076, 077, 078, 085, 086, 087, 088, 091, 100.



036 Statistical Keyboard*

Standard arrangement—no extra charge.

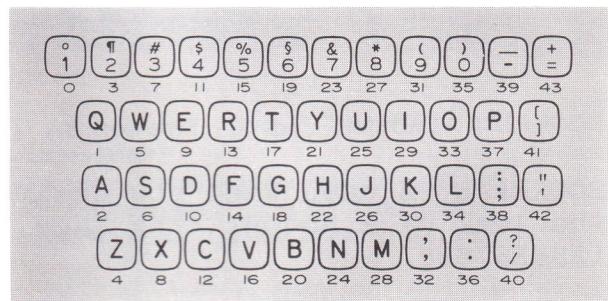
Available in the following type faces: 001, 002, 021, 031, 036, 067, 072, 076, 077, 078, 085, 086, 087, 088, 091, 100.



103 Alternate Billing Keyboard

Standard arrangement—no extra charge.

Available in the following type faces: 001, 002, 015, 021, 036, 067, 072, 076, 077, 078, 085, 086, 087, 088, 091, 100.



149 Legal Keyboard

Standard arrangement—no extra charge.

Positions "0" and "41" may be interchanged at no extra charge—specify on order. Available in the following type faces: 001, 002, 021, 071, 076, 077, 078, 079, 087, 088, 091, 100.

*Recommended for use with Model D Typewriter with electrical decimal tabulation.

Additional specialized keyboards are also available. Contact your local IBM Representative for details.

Attachments and Features

Item Nos. 47-10 and 47-11

Important: Prices shown in this section are those in effect if items are ordered before delivery of IBM "Executive," Model D, "Selectric," "Selectric" II and Correcting "Selectric" Typewriters. Items listed in this section (except Tech III Ribbons, Correctable Film Ribbons and Correcting Tapes) which are ordered after delivery of new Machines may be procured on an open market order basis. Prices shown for Tech III Ribbons, Correctable Film Ribbons and Correcting Tapes are applicable before or after delivery of new Machines.

Motors—electrical characteristics

IBM "Selectric,"[†] "Selectric" II and Correcting "Selectric" Typewriters are made with A.C. motors only. The motor is rated at 1/35 horsepower and 1.2 amperes. All 60 Hertz IBM Typewriter motors are approved by Underwriters Laboratories.

A.C. MOTOR VOLTAGES	HERTZ
115	60
115	50
230	60
230	50

IBM Model D and "Executive" Typewriters are made with either A.C. or D.C. motors. They are rated at 1/35 horsepower and 1.3 amperes.

[†]Except Models 721, see page 6.

MOTORS USED WITH ALTERNATING CURRENT.

Our A.C. motor is a single phase, constant speed, induction type.

A.C. MOTOR VOLTAGES	HERTZ
115, 150, 200, 220/230, 250	50
65, 100, 115*, 230	60*

*Used in almost all installations.

MOTORS USED WITH DIRECT CURRENT.

Our D.C. motor is shunt-wound, constant speed, brush type.

Voltages
65, 130

Line Cords



Model D & "Executive"—8' "Selectric"—8'	Part No. 1117643	Part No. 1117863	Part No. 1117642	Factory Installed Purchase Prices No Charge
Model D & "Executive"—13' "Selectric"—13'	1141416	1141415	1175319	No Charge
	Not Available	Not Available	1117319	\$3.37
	Not Available	Not Available	1164309	\$3.37

All models are equipped with a 3-wire grounded line cord or UL approved double insulated line cord with 2-prong plug. The above 8-foot 3-wire arrangements are optional on "Selectric," Model D and "Executive" Typewriters at no additional charge to permit IBM Electric Typewriters to operate from existing wall receptacles. Thirteen-foot cords are available at the additional price shown above.

^{*}Available but not approved by Underwriters Laboratories.

Description	Price
Modification Pack for "Selectric" II Typewriter (15.5 Paper Capacity "Selectric" II and Correcting "Selectric" Models only) Offered to Federal Government only. Recommended for use in areas processing classified information	\$65.00
"Selectric" Typing Elements (Additional elements if ordered with new "Selectric," "Selectric" II or Correcting "Selectric" Typewriters)	\$16.20
External Ribbon Control —"Selectric" II Typewriters—fabric ribbon models, plant installable only	\$22.50
Sound Reduction Option (Correcting "Selectric" and "Selectric" II Typewriters)	\$31.50
Dead Key Disconnect (Plant Installable only)	\$25.87
OCR Card Holder (Available on "Selectric" and "Selectric" II only)	N/C
Block Numerals (per set)	\$ 5.67
Hardened Typebars	N/C
Changeable Typebars	
For each changeable position to a maximum of 5	\$ 3.37
For each additional changeable typebar (in addition to the typebar provided with the changeable position)	
Standard	
1st Additional typebar	\$ 6.66
Each subsequent additional typebar	6.66
"Executive" ET	
1st Additional typebar	\$ 6.66
Each subsequent additional typebar	6.66
Special Spacing Platen Ratchet	\$12.60
Typematic Repeat (Additional)	\$ 3.37
Dead Keys	\$ 3.37
IBM Correctable Film Ribbon Limiting Device (Correcting "Selectric" Typewriter)—no charge. Plant or field installable—\$5.25 for field installation on purchased equipment. Manual Velocity Control—plant installable—no charge. Hardened type bars—no charge.	

PLATENS*

NOTE: Prices shown below for "special" platens apply to new equipment orders, and include credit for the standard platen, i.e. these platens are provided as a **substitute** for the standard platen. Prices for **additional** standard or "special" platens are located elsewhere in this section.

"Selectric," "Selectric" II and Correcting "Selectric"—Machine price plus—

Pin Feed	
711-721	\$49.41
13.5" Paper Capacity	52.56
15.5" Paper Capacity	55.94
Card Holding	
711-721 and 713-723	\$ 3.10
15.5" Paper Capacity	7.15

Model D Standard and "Executive"—Machine price plus—

Pin Feed	
16.0" Paper Capacity	\$65.70
19.0" Paper Capacity	69.30

NOTE: Platen prices shown on page 25 are for additional standard or special platens. Where the customer desires these platens as a substitute for the standard platen, refer to prices shown above.

"Selectric" and "Selectric" II**Standard**

711-721	\$18.09
13.5" Paper Capacity	19.44
15.5" Paper Capacity	20.56

Pin Feed

711-721	\$67.50
13.5" Paper Capacity	72.00
15.5" Paper Capacity	76.50

Card Holding (Available in standard hardness only)

711-721	\$21.19
13.5" Paper Capacity	22.54
15.5" Paper Capacity	27.72

Model D Standard and "Executive"**Standard or Stencil (#9)**

12.5" Paper Capacity	\$17.32
16.0" Paper Capacity	19.80
19.0" Paper Capacity	21.60
23.0" Paper Capacity	25.20

Pin Feed

16.0" Paper Capacity	\$85.50
19.0" Paper Capacity	90.90

***Model D and "Executive" Platens**

The following is an explanation of the coding of IBM platens which are available for IBM Electric Typewriters.

No. 1 For general typewriting applications, stencil writing, etc.

No. 2 For general typewriting applications, but slightly harder than No. 1. Not available for Model 52.

No. 6 Same as No. 2 but 1/32" under size in diameter. Considered "standard" for Model 52.

No. 7 Hard platen 1/16" under size for maximum number of copies.

No. 8 For typewriter applications requiring a platen harder than a No. 2 but not as hard as a No. 3. Not available for Model 52.

No. 9 For stencil writing exclusively. No. 9 platens will be furnished as standard equipment at no additional charge. This platen is not recommended for use on correspondence where more than two carbon copies are required. Not recommended for "Executive" Typewriters.

Model D Typewriters Only**Platens**

Standard, or Stencil (No. 9)

Pin-feed platen for Models 1 and 8 (Standard) and 4 ("Executive") 13 inch, 17 inch and 20 inch

"SELECTRIC" II AND CORRECTING "SELECTRIC" SUPPLIES

IBM Tech III Ribbon

Reorder No. 1136391

	1/6 Doz. (2)	1/3 Doz. (4)	1/2 Doz. (6)	1 Doz.	2 Doz. Per Doz.	3 Doz. Per Doz.
Black, 290 Ft.	\$19.35	\$34.83	\$46.44	\$92.25	\$84.87	\$82.71
	5 Doz. Per Doz.	1 Gross Per Doz.	2 Gross Per Doz.	3 Gross Per Doz.	4 Gross Per Doz.	6 Gross Per Doz.
	\$81.63	\$80.10	\$79.47	\$79.02	\$78.48	\$77.94
	8 Gross Per Doz.	12 Gross Per Doz.	16 Gross Per Doz.	20 Gross Per Doz.	24 Gross Per Doz.	40 Gross Per Doz.
	\$77.49	\$76.86	\$76.32	\$75.87	\$75.24	\$74.79

IBM Correctable Film Ribbon

Reorder No. 1136432

	1 Doz.	2 Doz. Per Doz.	5 Doz. Per Doz.	9 Doz. Per Doz.	1 Gross Per Doz.
Black, 405 Ft.	\$32.49	\$30.60	\$29.88	\$29.16	\$28.35
	2 Gross Per Doz.	5 Gross Per Doz.	10 Gross Per Doz.	15 Gross Per Doz.	20 Gross Per Doz.
	\$27.90	\$27.63	\$27.45	\$27.18	\$26.91
	30 Gross Per Doz.	40 Gross Per Doz.	60 Gross Per Doz.	80 Gross Per Doz.	100 Gross Per Doz.
	\$26.73	\$26.46	\$26.19	\$26.10	\$26.01
	120 Gross Per Doz.	200 Gross Per Doz.			
	\$25.92	\$25.83			

Correcting Tapes

	6 Tapes	6 Doz. Per Doz.	1 Gross Per Doz.
IBM Lift-Off Tape, 19' Reorder No. 1136433	\$13.50	\$26.10	\$24.30
IBM Tech III Cover-Up Tape, 19'1" Reorder No. 1136435	\$13.50	\$26.10	\$24.30

Electric Typewriters

IBM Typewriter Colors

Listed below are popular color combinations for the Model D and "Selectric" typewriters:

Case Color	Model D Keybuttons and Front Panel Levers or "Selectric" Keybuttons and Platen Knobs	Color Code
Emerald Green	Charcoal Gray	33
Raven Black	Charcoal Gray	27
Topaz Bronze	Charcoal Gray	34
Sandstone Beige	Charcoal Gray	38
Garnet Rose	Charcoal Gray	39
Pearl White	Charcoal Gray	26
Classic Blue	Charcoal Gray	32
Willow Green	Charcoal Gray	31

Note: The base and paper table for above case colors is Raven Black, with the exception of Onyx Blue which has an Onyx Blue paper table.

Educational Prices

1. The District of Columbia school system may purchase typewriters at educational prices for typing classroom or administrative use.
2. The service academies listed below, and the Naval Postgraduate School may purchase typewriters at educational prices for typing classroom or administrative use.
 - a) U.S. Naval Academy
 - b) U.S. Military Academy
 - c) U.S. Air Force Academy
 - d) U.S. Coast Guard Academy
 - e) U.S. Merchant Marine Academy
3. Federal Government institutions of instruction (other than those listed in 1 and 2 above) having a curriculum comparable to a public elementary, junior or senior high school or vocational high school may purchase typewriters at educational prices for their exclusive use in typing classrooms and directly related administrative offices.
4. All Federal Government institutions (other than those specified in 1, 2, and 3 above) may purchase typewriters at educational prices for use only in a typing classroom in the institution.
5. Any Federal Government hospital which has a major (M) or limited (L) affiliation with a medical school (as a teaching hospital) listed in the most current Directory of Approved Internships and Residencies, published by the American Medical Association, may purchase typewriters at educational prices for typing classroom or administrative use at that hospital.

IBM Model D Typewriter

Available in all Standard Model typestyles.

Special Item No.	Fabric Ribbon Model	Carbon Ribbon Model	Width of Paper Accommodated	Length of Writing Line	Educational Price
47-1	121*	821*	12.5"	12.4"	\$470.00
47-1	122	822	16"	15.9"	500.00
47-1	123	823	19"	18.9"	545.00
47-1	124*	824*	23"	22.9"	585.00

IBM "Executive" Typewriter—1/32" or 1/36" unit escapement.

Special Item No.	Carbon Ribbon Model	Width of Paper Accommodated	Length of Writing Line	Educational Price
47-3	421*	12.5"	12.4"	\$645.00
47-3	422	16"	15.9"	670.00
47-3	423	19"	18.9"	720.00

No extra charge for Model D blank keybutton.
All other applicable charges in accordance with GSA Contract will apply.

Keyboard Substitutions of available characters will be provided at a charge of \$3.37 each to a maximum charge of \$16.87 for keyboard rearrangement with the purchase of each Model D or "Executive" Typewriter ordered at the above prices.

*Models 121, 821, 124, 824 and 421 no longer available after December 31, 1975

IBM "Selectric" Typewriter.

Available in 10 or 12 pitch spacing.

Special Item No.	Fabric Ribbon Model	Length of Writing Line	Width of Paper Accommodated	Educational Price
47-2	721	8.5"	11.0"	\$430.00

One typing element will be furnished with each "Selectric" Typewriter purchased at the above prices.

Model 721 available only in raven black color, charcoal grey keyboard, 110/115 volt 60 Hertz motor, 27 tooth ratchet and 101 keyboard.

IBM "Selectric" II Typewriter

Special Item No.	Models	Model Nos.					
		Selective Ribbon System	Fabric Ribbon	Length of Writing Line	Width of Paper Accommodated	Educational Price	
47-2	13.5" Paper Capacity without Dual Pitch	833	843	11.0"	13.5"	\$500.00	
47-2	13.5" Paper Capacity with Dual Pitch	873	883	11.0"	13.5"	570.00	
47-2	15.5" Paper Capacity without Dual Pitch	835	845	13.0"	15.5"	520.00	
47-2	15.5" Paper Capacity with Dual Pitch	875	885	13.0"	15.5"	590.00	

Two "Selectric" typing elements will be furnished with each Dual Pitch Model and one "Selectric" typing element with each Single Pitch Model purchased at the above prices.

IBM Correcting "Selectric" Typewriter

Special Item No.	Models	Model No.	Writing Line	Educational Price
47-2	13½" Paper Capacity without Dual Pitch	853	11"	\$575.00
47-2	13½" Paper Capacity with Dual Pitch	893	11"	635.00
47-2	15½" Paper Capacity without Dual Pitch	855	13"	595.00
47-2	15½" Paper Capacity with Dual Pitch	895	13"	655.00

Two "Selectric" typing elements will be furnished with each Dual Pitch Model and one "Selectric" typing element with each Single Pitch Model purchased at the above prices.

Federal Government Export Prices— Overseas Installation**

Commercial Export Pack

Model D and "Executive"

	Price	Fabric	Price
13"	\$11.00	721	\$11.00
17"	\$11.50		
20"	\$12.50		
24"	\$12.75		

Correcting "Selectric"

	Price		Price
13.5" Paper Capacity	\$11.00	13.5" Paper Capacity	\$11.00
15.5" Paper Capacity	11.50	15.5" Paper Capacity	11.50

Export Packing in Accordance with Interim Federal Specification **PPP-P-001148**

Model D and "Executive"

All Models	\$16.50
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IBM "Selectric" II Typewriter

Special Item No.

Model	Price
833-843	\$533.00
873-883	595.30
835-845	551.00
875-885	613.30

IBM Model D Typewriters

Special Item No.

Fabric Ribbon	Carbon Ribbon	Price
121*	821*	\$533.00
122	822	542.00
123	823	600.50
124*	824*	668.00

IBM "Selectric" Typewriter

Special Item No.

Fabric Ribbon	Price
721†	\$470.00

Decimal Tabulation

Special Item No.

Fabric Ribbon	Carbon Ribbon	Price
162	862	\$691.00
163	863	749.50
164*	864*	817.00

IBM Model D "Executive" Typewriters

1/32" and 1/36" Unit Escapement

Special Item No.

Carbon Ribbon	Price
421*	\$711.90
422	729.90
423	801.90

IBM Correcting "Selectric" Typewriter

			Price
47-2	13½" Paper Capacity with Dual Pitch	893	11" \$662.25
47-2	15½" Paper Capacity with Dual Pitch	895	13" 680.25
47-2	13½" Paper Capacity without Dual Pitch	853	11" 599.80
47-2	15½" Paper Capacity without Dual Pitch	855	13" 617.80

*Not available after December 31, 1975.

**These prices apply provided proof of intent to export is furnished, but do not apply to typewriters to be used in Alaska, Hawaii, Puerto Rico and the Canal Zone. Typewriters for overseas use will be sold at above prices without parts guarantee and adjustment period and delivered to any point specified within the Continental United States, Alaska, Hawaii, Puerto Rico and the Canal Zone. Specify motor voltage on all orders for overseas shipment.

†Model 721 available only in raven black color, charcoal grey keyboard, 110/115 volt 60 Hertz motor, 27 tooth ratchet and 101 keyboard.

IBM Maintenance Service Agreements

Item No. 47-90

Standard and "Executive" Models (A, B, C and D) and "Selectric" Typewriters

The IBM Maintenance Agreement provides:

1. One inspection.
2. All service calls at no additional charge.
3. Replacement of all parts except platens at no additional charge.

Preventive Maintenance, the correcting of potential trouble before it affects machine performance, is accomplished during an inspection.

During an inspection, the following specially developed service techniques are used:

Power Cleaning—thorough cleaning of the integral parts with a special power cleaning tool.

Lubrication—special oils and lubricants are used to reduce wear.

Planned Parts Replacement—parts are replaced on a planned basis before they cause machine malfunctions.

Functional Machine Check—each function, such as a shift, tabulation and backspace, is checked with the power off to insure proper machine adjustments.

On regular inspections, the following specially developed service techniques are used and place emphasis on certain areas of the typewriter, such as type impression, applications and Machine appearance.

The high quality and promptness of IBM service is consistent throughout the country. The training methods and service tools are the same for all Customer Engineers. Factory prescribed training provides skilled Customer Engineers to service your IBM Equipment.

One Purchase Order can be issued to cover any quantity of machines for the entire year. This greatly reduces accounting and documentation expenses.

Maintenance Service Agreement coverage will be rendered within a 15-mile radius of contractor's service location at the following rates:

	12-Mo. Basic Charge Per Machine
Correcting "Selectric" Single Pitch Models	\$48.70
Correcting "Selectric" Dual Pitch Models	50.90
"Selectric" II, Dual Pitch Models	48.04
Standard, "Selectric" and "Selectric" II Single Pitch Models	46.04
"Executive" Models	50.40
Formswriter (Lift Platen Carriage Machine without Formscarrier),	
Front Feed and Manifest	54.50
Toll Biller, OC&C, "Hektorwriter" (Model 03), Stencilwriter (Model 07),	
Decimal Tabulation	62.00
Add for Attachments per year	
Changeable Typebars	6.25
" Hektorwriter" Attachment	14.00
Electronic Tabulation	11.50
Formscarrier	7.00
Forms Line Selector	6.25
Partial Carriage Return	12.25
Key Stroke Counter, Model D or "Selectric"	7.50
Add for Automatic Operation per year	
(Robotyper, Autotypist, etc.)	35.40

Maintenance Service Agreements on typewriters used in teaching typewriting shall provide for one inspection per year. Prices for Maintenance Service Agreements on typewriters used in teaching typewriting are as follows:

"Selectric" II, Dual Pitch & Correcting "Selectric" without dual pitch	36.50
Standard, "Selectric" and "Selectric" II without Dual Pitch Models	33.50
"Executive" Models and "Correcting Selectric" Dual Pitch Models	39.50

If, in certain areas, it is necessary to inspect a machine more than the above number of times a year, because of unusual conditions, the price of the Maintenance Agreement will be furnished on an open market order basis.

NOTE: Service rates are 25% higher in the State of Alaska.

Pro-rated charges for Maintenance Service encompassing six months or less will not necessarily include an inspection.

The following discounts from total Maintenance Service Agreement prices are offered to Federal Government installations having ten or more IBM electric typewriters on service agreement or lease which are installed in buildings on the same or adjacent blocks, or all buildings on a continuous tract of land, such as a military post.

A Federal Government installation may consist of several separate agencies or departments located in an area within the scope of a discount application. All IBM electric typewriters belonging to agencies or departments of the Federal Government will be considered as one installation when determining the customer's discount qualification.

Number of Units	Discount
10 to 49	5%
50 to 99	10%
100 or more	15%

Discounts do not apply to school machines used in teaching typewriting which are on Maintenance Service Agreement at the special school prices.

Service will be furnished during contractor's normal business hours—8:30 A.M. to 5:15 P.M., Monday through Friday, except holidays, subject to change in local service areas.

When, in the contractor's opinion, a shop reconditioning is necessary because normal repair and parts replacement cannot keep the machine(s) in satisfactory operating condition, contractor will submit a cost estimate. Such work, if authorized by the customer, will be furnished on an open market order basis in addition to the Maintenance service charge.

Defective motors will be replaced with new motors, if necessary without charge on Models 1 through 8. New motors will be installed on Models 01 through 10 at contractor's commercial price list in effect at time of delivery.

All typebars needed for proper operation of a typewriter will be replaced at no additional charge. Worn "Selectric" typing elements will be replaced, if necessary, on an exchange basis with the same type style at no charge.

Prices do not include supplies, electrical work external to the machine, platens, ribbons or time and material to change machine specifications, nor service required by accident, negligence or misuse, or necessitated by malfunction of a part or attachment of non-IBM manufacture. Overtime inspections and emergency service, when requested and if available, will be furnished on an open market order basis and at contractor's commercial charges for such service.

Maintenance Service agreements will be available on machines beyond a 15-mile radius of contractor's service location at the following rates:

Per Machine
16 to 30 mile radius—Zone II—basic Maintenance Service Agreement price plus \$ 3.72
31 to 45 mile radius—Zone III—basic Maintenance Service Agreement price plus 7.56
46 to 60 mile radius—Zone IV—basic Maintenance Service Agreement price plus 11.16

Billing will be rendered in arrears after the termination of the contract period.

Overtime inspection and emergency service, when requested and if available, will be furnished beyond the 15-mile radius, but within a 60-mile radius, at established charges for such overtime service.

In addition, Maintenance Service agreements will be available on machines beyond a 60-mile radius of contractor's service location on an open market order basis.

NOTE: Maintenance Service rates are 25% higher in the State of Alaska.

IBM Branch Offices* and Service Locations

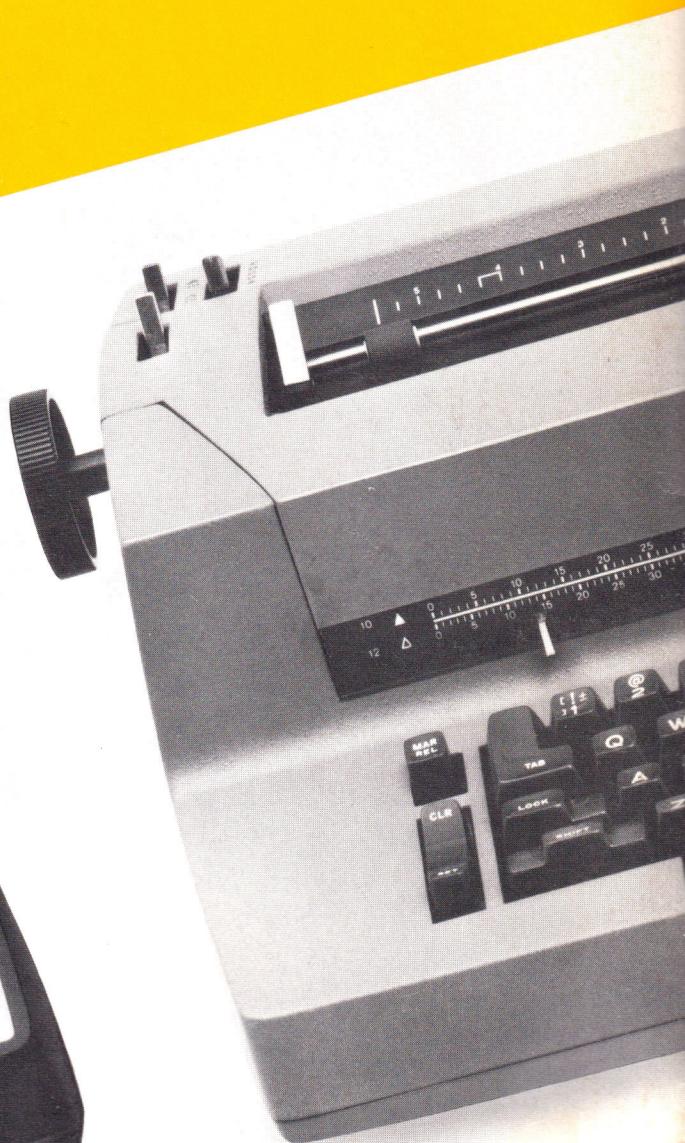
Mechanical Service is available from all locations listed below.

Orders should be directed to the Branch Office nearest you.

Dover	NORTH DAKOTA	Erie*	Maryville	Lexington
Fairfield*	Bismarck	Gettysburg	Memphis*	Lynchburg
Trenton*	Devils Lake	Glenside	Morristown	Manassas
Vineland	Fargo*	Greensburg	Murfreesboro	Martinsville
Waldwick*	Grand Forks	Harrisburg*	Nashville*	Norfolk*
NEW MEXICO	Jamestown	Hazleton	Oak Ridge	Norton
Alamogordo	Minot	Huntingdon	Tullahoma	Petersburg
Albuquerque*	OHIO	Indiana	TEXAS	Radford
Carlsbad	Akron*	Lancaster	Abilene	Richmond*
Clovis	Alliance	Lebanon	Amarillo	Roanoke*
Hobbs	Ashtabula	Meadville	Angleton	Staunton
Las Cruces	Athens	Mercer	Arlington	St. Paul
Roswell	Canton*	New Castle	Austin*	Waynesboro
Santa Fe	Cincinnati*	Oil City	Baytown	Winchester
Silver City	Cleveland*	Philadelphia*	Beaumont*	Wytheville
White Sands	Columbus*	Pittsburgh*	Big Spring	WASHINGTON
NEW YORK	Conneaut	Pottstown	Brownsville	Aberdeen
Albany*	Coshocton	Pottsville	Brownwood	Bellingham
Auburn	Dayton*	Reading*	Cleburne	Bremerton
Belmont	Dover/New Philadelphia	St. Marys	College Station	Ellensburg
Bronx	East Palestine	Scranton*	Corpus Christi*	Everett
Buffalo*	Findlay	Sharon	Dallas*	Longview
Corning	Fremont	State College	Del Rio	Moses Lake
Cortland	Gallipolis	Stroudsburg	Denton	Mount Vernon
Dunkirk	Hamilton	Sunbury	El Paso*	Olympia
Elmira*	Lancaster	Uniontown	Fort Stockton	Port Angeles
Endicott*	Lima*	Valley Forge*	Fort Worth*	Pullman
Fulton	Lisbon	Warren	Freeport	Richland
Glens Falls	Lorain	Washington	Galveston	Seattle*
Hornell	Mansfield*	Wilkes-Barre	Greenville	Spokane*
Islip	Marion	Williamsport	Harlingen	Sunnyside
Ithaca	Mentor	York	Houston*	Tacoma*
Jamestown	Napoleon	PUERTO RICO	Huntsville	Walla Walla
Jericho*	Newark	Arecibo	Killeen	Wenatchee
Kingston	Painesville	Caguas	Kingsville	Yakima
Massena	Portsmouth	Mayaguez	Laredo	WEST VIRGINIA
Middletown	Salem	Ponce	Longview	Buckley
Monticello	Sandusky	San Juan*	Lubbock*	Bluefield
Newburgh	Springfield	St. Croix, V.I.	Lufkin	Buckhannon
New York City (Man.)*	Steubenville	St. John, V.I.	Marshall	Charleston*
Norwich	Toledo*	St. Thomas, V.I.	McAllen	Clarksburg
Norwood	Troy	RHODE ISLAND	Midland	Fairmont
Olean	Warren	Newport	Mineral Wells	Huntington
Oneonta	Youngstown*	Providence*	Mount Pleasant	Morgantown
Oswego	Zanesville	SOUTH CAROLINA	Nasa/Clear Lake	Parkersburg
Plattsburgh	OKLAHOMA	Anderson	Odessa	Wheeling
Potsdam	Ada	Beaufort	Pampa	WISCONSIN
Poughkeepsie*	Ardmore	Charleston	Paris	Appleton
Queens*	Bartlesville	Clemson	Plainview	Baraboo
Riverhead	Duncan	Columbia*	Port Arthur	Beaver Dam
Rochester*	Durant	Florence	San Angelo	Beloit
Rome	Enid	Greenville*	San Antonio*	Burlington
Schenectady	Idabel	Greenwood	San Marcos	Eau Claire
Sidney	Lawton	Myrtle Beach	Sherman	Fond Du Lac
Syracuse*	McAlester	Orangeburg	Temple	Fort Atkinson
Utica*	Muskogee	Rock Hill	Texarkana	Green Bay*
Watertown	Norman	Spartanburg	Tyler	Janesville
Watkins Glen	Oklahoma City*	Sumter	Victoria	Kenosha
White Plains*	Oklmulgee	SOUTH DAKOTA	Waco	La Crosse
NORTH CAROLINA	Ponca City	Aberdeen	Wharton	Lake Geneva
Albemarle	Pryor	Brookings	Wichita Falls	Madison*
Asheville	Stillwater	Pierre	UTAH	Manitowoc
Burlington	Tulsa*	Rapid City	Brigham City	Marinette
Charlotte*	Weatherford	Sioux Falls*	Cedar City	Marshfield
Durham	OREGON	Watertown	Logan	Milwaukee*
Edenton	Astoria	Yankton	Ogden	Monroe
Fayetteville	Bend	TENNESSEE	Provo	Muskego
Fort Bragg	Coos Bay	Athens	Salt Lake City*	Oconomowoc
Gastonia	Corvallis	Bristol	VERMONT	Oshkosh
Goldsboro	Eugene	Chattanooga*	Burlington	Platteville
Greensboro*	Klamath Falls	Clarksville	Montpelier	Racine
Greenville	Medford	Cleveland	Rutland	Rhineland
Hickory	Ontario	Columbia	Springfield	Sheboygan
High Point	Pendleton	Cookeville	VIRGINIA	Stevens Point
Jacksonville	Portland*	Cumberland	Alexandria	Wausau
Kinston	Roseburg	Dyersburg	Arlington*	West Bend
Lumberton	Salem*	Jackson	Blacksburg	Wisconsin Rapids
New Bern	PENNSYLVANIA	Johnson City	Charlottesville	WYOMING
North Wilkesboro	Aliquippa	Kingsport*	Danville	Casper
Raleigh*	Altoona	Kerrville	Fairfax	Cheyenne
Rockingham	Beaver Falls	Knoxville*	Fredericksburg	Cody
Rocky Mount	Bethlehem*	Leesburg	Hampton	Lander
Salisbury	Bloomsburg	Martin	Harrisonburg	Laramie
Shelby	Bradford			Sheridan
Statesville	Butler			
Sylva	Chambersburg			
Wilmington	Clarion			
Wilson	Clearfield			
Winston-Salem*				

*Indicates Branch Offices. Complete stock of repair parts available through all Branch Offices.

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